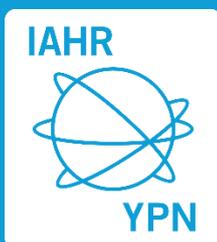


IAHR Yonsei University Young Professionals Network

2025 Annual Report of
Activities



**Young
Professionals
Network**

Hosted by
Spain Water and IWHR, China

1. Our vision and mission

Yonsei University Young Professionals Network (YPN) aims to bridge sociological, scientific, and engineering perspectives to address complex challenges in water resources and water-related disasters. We seek to advance the sustainable management of water resources through interdisciplinary collaboration and quantitative, data-driven research. Our group develops and applies a range of numerical modeling frameworks, including land surface–terrestrial biosphere models and watershed-scale hydrologic models, integrated with ground-based and remotely sensed observations to better understand hydro-climatic processes and their impacts.

In alignment with the mission of the IAHR Young Professionals Network, we emphasize the importance of building strong connections among early-career researchers and practitioners in the field of water and environmental sciences. Through regular research exchanges and collaborative activities, we foster active communication and the sharing of scientific ideas related to hydrology, climate, and water resources management.

In 2025, the Yonsei YPN expanded its international engagement by participating in the Asia Oceania Geosciences Society (AOGS) 2025 Annual Meeting, where members interacted with young professionals and researchers from across the Asia–Oceania region. This participation provided an important platform to exchange perspectives on water-related hazards, climate variability, and hydrologic processes, while strengthening our integration into the broader international community of emerging water scientists and engineers.

2. Main goals and key objectives in 2023

The primary goal of our activities in 2023 is to strengthen international and regional connections among young professionals working in water, climate, and environmental sciences, with a particular focus on engagement within the Asia–Oceania research community. Through active participation in international scientific meetings, especially AOGS 2023, we aimed to expand professional networks, exchange research perspectives, and increase the visibility of the Yonsei University Young Professionals Network within the global IAHR YPN framework.

In parallel, we continue to operate regular internal meetings to share research progress, discuss emerging scientific challenges, and coordinate future collaborative activities. These meetings provide a platform for members to exchange ideas, develop interdisciplinary perspectives, and build a cohesive and supportive professional community.

Key objectives

1. Sharing recent research ideas

To promote the exchange of up-to-date research on hydrology, climate, and water-related hazards among members and with international peers.

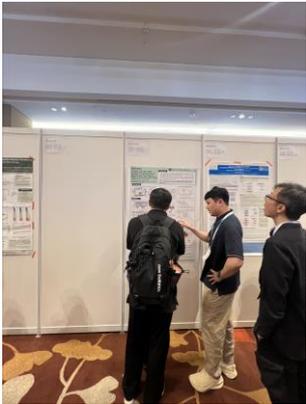
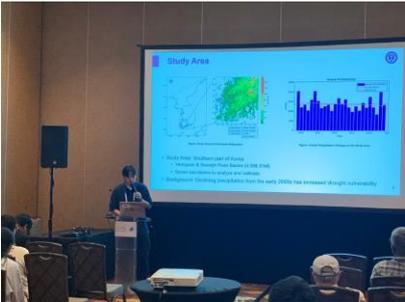
2. Interacting with professionals

To engage with researchers and practitioners from different countries and disciplines through international conferences such as AOGS 2023 and related professional activities.

3. Strengthening the young professional community

To reinforce connections among early-career scientists and engineers by fostering continuous communication, collaboration, and mutual support within the Yonsei YPN and the broader IAHR YPN network.

3. Activities in 2025

[Picture]	[Title of the activity]
	YSU Participation in AOGS 2025
	Date
	27 JULY ~ 01 AUG 2025
	Venue
	Marina Bay Sands Convention Centre, Singapore
	Objectives
	Exchange of recent research outcomes among young professionals in hydrology, climate, and water resources
	Description
	<ul style="list-style-type: none">- Yonsei University YPN members participated in the Asia Oceania Geosciences Society (AOGS) 2025 Annual Meeting, presenting their research through both oral and poster sessions

Partnerships and collaborations

4.1 Partnerships

Organization	Description of partnership
Korea University	Yonsei University YPN and KU-YPN
Seoul National University	Yonsei University YPN and SNU-YPN

4.2 Collaboration with other YPNs

Organization	Description of partnership
Korea University	Yonsei University YPN and KU-YPN
Seoul National University	Yonsei University YPN and SNU-YPN

4. Communication channels

Website: <http://hecl.yonsei.ac.kr/>

Facebook:

Twitter:

Instagram:

Linkedin:

Newsletter/s:

Other: